

Title (en)  
POLYESTER RESIN, POLYESTER RESIN COMPOSITION, SHEET OR FILM OBTAINED THEREFROM AND HOLLOW MOLDED CONTAINER

Title (de)  
POLYESTERHARZ, POLYESTERHARZZUSAMMENSETZUNG, FLÄCHENGEBILDE ODER FILM DARAUS UND GEFORMTER HOHLER BEHÄLTER

Title (fr)  
RESINE DE POLYESTER, COMPOSITION DE RESINE DE POLYESTER, FEUILLE OU FILM OBTENU A PARTIR DE CELLE-CI ET CONTENEUR MOULE CREUX

Publication  
**EP 1557439 B1 20080430 (EN)**

Application  
**EP 03759001 A 20031028**

Priority  
• JP 0313784 W 20031028  
• JP 2002317854 A 20021031

Abstract (en)  
[origin: EP1557439A1] To provide a polyester resin particularly useful in application to optical films, etc. <??>A polyester resin which is an alicyclic polyester comprising dicarboxylic acid units and diol units, characterized by the following (1) to (4): (1) the dicarboxylic acid units are composed mainly of 1,4-cyclohexanedicarboxylic acid units, (2) the diol units are composed mainly of 1,4-cyclohexanedimethanol units, (3) the ratio of alkyl ester terminals to all terminals of the polyester is at most 5 mol%, and (4) the light transmittance of a molded plate of the resin having a thickness of 2 mm is at least 87%.

IPC 8 full level  
**C08G 63/199** (2006.01); **C08G 63/02** (2006.01); **C08J 5/18** (2006.01); **C08L 67/02** (2006.01); **C08L 69/00** (2006.01)

CPC (source: EP KR US)  
**C08G 63/02** (2013.01 - EP US); **C08G 63/199** (2013.01 - EP KR US); **C08J 5/18** (2013.01 - EP KR US); **C08L 67/02** (2013.01 - EP US); **C08J 2367/02** (2013.01 - EP US); **C08L 69/00** (2013.01 - EP US); **C08L 2201/00** (2013.01 - EP US); **Y10T 428/1352** (2015.01 - EP US); **Y10T 428/249921** (2015.04 - EP US)

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1557439 A1 20050727**; **EP 1557439 A4 20060705**; **EP 1557439 B1 20080430**; AU 2003275715 A1 20040525; CN 100404582 C 20080723; CN 1708531 A 20051214; DE 60320668 D1 20080612; DE 60320668 T2 20090610; KR 20050073592 A 20050714; US 2005197484 A1 20050908; US 7048978 B2 20060523; WO 2004039860 A1 20040513

DOCDB simple family (application)  
**EP 03759001 A 20031028**; AU 2003275715 A 20031028; CN 200380102489 A 20031028; DE 60320668 T 20031028; JP 0313784 W 20031028; KR 20057007399 A 20050428; US 11510405 A 20050427